

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Application No.:** 10/538,411      **Confirmation No.:** 3620  
**Applicant:** Mauro Marinelli  
**Filing Date:** 06/10/2005  
**Docket No.:** KAR 014  
**Customer No.:** 000039232

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

Sir:

In response to the Notification of Missing Requirements dated 107/24/2006, Applicant informs that a like Notification of Missing Requirements had been mailed on 11/01/2005, to which Applicant had fully responded on 11/09/2005.

**Remarks** begin on page 2 of this paper.

Copies of:

- Copy of the **Notification of Missing Requirements**, mailed on 07/24/2006;
- Two past submissions, respectively dated October 1, 2005 and November 9, 2005,  
of the **Declaration** presently requested,

are submitted following page 2 of this paper.

## **REMARKS**

This paper is submitted in response to the Notification of Missing Requirements mailed on July 24, 2006, by which Applicant is requested to submit the oath or declaration. Copy of the Notification of Missing Requirements is enclosed herewith.

Applicant has already submitted his declaration on two different occasions, namely on October 1, 2005 and on November 9, 2005, at least one time in response to a request received from the United States Patent and Trademark Office. In each case, Applicant has paid the related \$65 fee. Copies of the two submissions are also enclosed herewith. The credit card and checking account numbers of Applicant's attorney have been removed from the enclosed copies, because this paper is part of the public record.

Accordingly, it is Applicant's belief that no further submissions or payments are required at this time. Copy of at least one of the above mentioned submissions is on record in the Image File Wrapper of this application.

In the event that additional information is requested, Applicant's attorney may be contacted at the below listed address.

Dated: August 13, 2006

Respectfully submitted,

SERAFINI ASSOCIATES

By: /Franco A. Serafini/  
Franco A. Serafini  
Attorney for Applicant  
USPTO Registration No. 52,207  
Tel: 858.456.2898  
Fax: 858.225.3920  
E-Mail: franco@patentconcepts.com

SERAFINI ASSOCIATES  
7660 Fay Ave, Suite H378  
La Jolla, CA 92037

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>KAR 014</b>
INTERNATIONAL APPLICATION NO. <b>PCT/EP2002/014251</b>	INTERNATIONAL FILING DATE <b>12/13/2002</b>	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/538,411</b>
PRIORITY DATE CLAIMED <b>12/13/2002</b>		
TITLE OF INVENTION <b>Susceptometer for non-invasive iron level measurement in a body</b>		
APPLICANT(S) FOR DO/EO/US <b>Mauro MARINELLI</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<b>SHIPPED NOV 09 2005</b>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) PCT/EP2002/014251	INTERNATIONAL APPLICATION NO. 10/538,411	ATTORNEY'S DOCKET NUMBER KAR 014
--	---	-------------------------------------

## 20. Other items or information:

The Declaration and Power of Attorney enclosed herein were also faxed on 10/01/2005, together with a \$65.00 fee payment by credit card. Enclosed is copy of the 10/01/2005 fax receipt.

The following fees have been submitted				CALCULATIONS	PTO USE ONLY		
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....				\$300	\$		
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... All other situations.....				\$0 \$200	\$		
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... All other situations.....				\$0 \$100 \$400 \$500	\$		
<b>TOTAL OF 21, 22 and 23 =</b>							
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE				
- 100 =	/50 =		x \$250	\$			
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00			
CLAIMS				NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims				- 20 =		x \$ 50	\$
Independent claims				- 3 =		x \$200	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)						+ \$360	\$
				<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 130.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.						(65.00)	
				<b>SUBTOTAL =</b>		\$ 65.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+		\$	
				<b>TOTAL NATIONAL FEE =</b>		\$ 65.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+		\$	
				<b>TOTAL FEES ENCLOSED =</b>		\$ 65.00	
				Amount to be refunded:		\$	
				Amount to be charged		\$	

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a.  A check in the amount of \$ 65.00 to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

Serafini Associates  
7660 Fay Ave. Suite H378  
La Jolla, CA 92037

SIGNATURE  
Franco A. Serafini  
NAME  
52,207  
REGISTRATION NUMBER

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	Susceptometer for non-invasive iron level measurement in a body
--------------------	---

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- The attached application, or  
 Application No. 10/538,411, filed on 06/10/05,  
 as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

## FULL NAME OF INVENTOR(S)

Inventor one: Mauro Marinelli

Signature: mauro marinelli Citizen of: Italy

Inventor two: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Inventor three: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Inventor four: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Additional inventors or a legal representative are being named on \_\_\_\_\_ additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**SERAFINI ASSOCIATES**

P.O. BOX 9391  
SAN DIEGO, CA 92169

PAY TO THE ORDER OF COMMISSIONER FOR PATENTS \$ 65.00 -  
SIXTYFIVE 00 / 100 DOLLARS



**WELLIS**  
FARDO

Wells Fargo Bank N.A.  
California  
wellsfargo.com

FOR S/N 10/538411 DECLARATION  
#000000010221# 12/2000 2471:

*James A. Serafini*

NP

**1,022**

16-24/12204420  
2075422049



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/538,411	Mauro Marinelli	KAR 014

39232  
 Serafini Associates  
 7660 FAY AVE. STE H378  
 LA JOLLA, CA 92037

INTERNATIONAL APPLICATION NO.	
PCT/EP02/14251	
I.A. FILING DATE	PRIORITY DATE
12/13/2002	

**CONFIRMATION NO. 3620**  
**371 FORMALITIES LETTER**



\*OC000000017354782\*

Date Mailed: 11/01/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/10/2005
- Copy of the International Search Report filed on 06/10/2005
- Small Entity Statement filed on 06/10/2005
- Request for Immediate Examination filed on 06/10/2005
- U.S. Basic National Fees filed on 06/10/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/538,411	PCT/EP02/14251	KAR 014

FORM PCT/DO/EO/905 (371 Formalities Notice)

## **Auto-Reply Facsimile Transmission**



TOE

Fax Sender at 858 225 3920

#### **Fax Information**

Date Received:

Total Pages:

10/1/2005 10:18:19 AM [Eastern Daylight Time]  
6 (including cover page)

**ADVISORY:** This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received  
Cover  
Page

18/01/2005 06:15 858-225-3928

SERAFINI ASSOCIATES

PAGE 01/86

PTO-1560 (Rev. 07-2002)

Approved for use through 05/31/2007. GPO: 2004-0887

U.S. Patent and Trademark Office: U.S. GOVERNMENT PRINTING OFFICE: 2004-0887

Under the Paperwork Reduction Act of 1995, no person is required to respond to a requirement that is contained in a form or collection of forms that has not been approved by the Commission for a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NO./NAME</b> KAR 014
INTERNATIONAL APPLICATION NO. PCT/EP2002/014281	INTERNATIONAL FILING DATE 12/21/2002	U.S. APPLICATION NO. (if known, see 37 CFR 1.3)
<b>TITLE OF INVENTION</b> Successorometer for non-invasive iron level measurement in a body		PRIORITY DATE CLAIMED 12/19/2002
<b>APPLICANT(S) FOR DO/EO/US</b> Marco MARDINELLI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following terms and other information:		
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin regular examination procedures (35 U.S.C. 371(b)). The submission <b>MUST</b> include items (b), (c), (d) and (f) indicated below.</p> <p>4. <input type="checkbox"/> The US has been selected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Patent Office (USPTO).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 184(e)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(e)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the contents of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(e)(5)).</p>		
Items 11 to 26 below concern documentation(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13(a)(2) and 37 CFR 1.821-1.822.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 184(e)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the International application under 35 U.S.C. 184(e)(4).</p>		

This Form of Transmittal is required by 37 CFR 1.41(c) and 147.7. It is recommended to attach a facsimile of the document, which is to be filed by the filer, to the transmittal letter so that it can be easily reviewed by the Office. This form is submitted to obtain "10 days" to complete testing, gathering, preparing, and reviewing the completed form in the USPTO. Time will vary depending upon the invention's scope. Any comments on the content of this form you submit in response to this form under separate cover for reducing this period, should be sent to the Office Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, 401 Madison Street, Washington, DC 20591-0001. THIS FORM IS NOT A FEE FORM OR A PAYMENT FORM. USE PCT FORMS TO FILE PAYMENT FORMS.

Page 1 of 5

PAGE 16 RCVD AT 10/16/2005 10:18:10 AM (EST) BY SARAFLY (SARAFLY@USPTO.GOV) SWIFT/TO:EFX/P-624 1388-733301 DURATION 00:00:00.000000000

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b>
INTERNATIONAL APPLICATION NO. PCT/EP2002/014251	INTERNATIONAL FILING DATE 12/13/2002	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/538,411
		PRIORITY DATE CLAIMED 12/13/2002
<b>TITLE OF INVENTION</b> Susceptometer for non-invasive iron level measurement in a body		
<b>APPLICANT(S) FOR DO/EO/US</b> Mauro MARINELLI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<b>Items 11 to 20 below concern document(s) or information included:</b> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																																																																														
PCT/EP2002/014251	10/538,411	KAR 014																																																																														
20. Other items or information:																																																																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">The following fees have been submitted</th> <th style="width: 15%;">CALCULATIONS</th> <th style="width: 15%;">PTO USE ONLY</th> </tr> </thead> <tbody> <tr> <td>21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....</td> <td style="text-align: right;">\$300</td> <td>\$</td> </tr> <tr> <td>22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))</td> <td></td> <td></td> </tr> <tr> <td>If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). ....</td> <td style="text-align: right;">\$0</td> <td>\$</td> </tr> <tr> <td>All other situations.....</td> <td style="text-align: right;">\$200</td> <td></td> </tr> <tr> <td>23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). ....</td> <td style="text-align: right;">\$0</td> <td>\$</td> </tr> <tr> <td>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....</td> <td style="text-align: right;">\$100</td> <td></td> </tr> <tr> <td>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....</td> <td style="text-align: right;">\$400</td> <td></td> </tr> <tr> <td>All other situations.....</td> <td style="text-align: right;">\$500</td> <td></td> </tr> <tr> <td colspan="3"><b>TOTAL OF 21, 22 and 23 =</b></td> </tr> <tr> <td colspan="3"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(l)).            The fee is \$250 for each additional 50 sheets of paper or fraction thereof.         </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td>x \$250</td> </tr> <tr> <td colspan="3">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td>x \$ 50</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td>x \$200</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360</td> </tr> <tr> <td colspan="3"><b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 130.00</td> </tr> <tr> <td colspan="3"> <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  <b>SUBTOTAL =</b> \$ 65.00         </td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>TOTAL NATIONAL FEE =</b> \$ 65.00</td> </tr> <tr> <td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>TOTAL FEES ENCLOSED =</b> \$ 65.00</td> </tr> <tr> <td colspan="2"></td> <td>Amount to be refunded:</td> </tr> <tr> <td colspan="2"></td> <td>Amount to be charged</td> </tr> </tbody> </table>			The following fees have been submitted	CALCULATIONS	PTO USE ONLY	21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....	\$300	\$	22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))			If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). ....	\$0	\$	All other situations.....	\$200		23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). ....	\$0	\$	Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100		International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....	\$400		All other situations.....	\$500		<b>TOTAL OF 21, 22 and 23 =</b>			<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(l)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	- 100 =	/50 =	x \$250	Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			CLAIMS	NUMBER FILED	NUMBER EXTRA	Total claims	- 20 =	x \$ 50	Independent claims	- 3 =	x \$200	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	<b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 130.00			<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. <b>SUBTOTAL =</b> \$ 65.00			Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			<b>TOTAL NATIONAL FEE =</b> \$ 65.00			Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			<b>TOTAL FEES ENCLOSED =</b> \$ 65.00					Amount to be refunded:			Amount to be charged
The following fees have been submitted	CALCULATIONS	PTO USE ONLY																																																																														
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....	\$300	\$																																																																														
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))																																																																																
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). ....	\$0	\$																																																																														
All other situations.....	\$200																																																																															
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). ....	\$0	\$																																																																														
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100																																																																															
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....	\$400																																																																															
All other situations.....	\$500																																																																															
<b>TOTAL OF 21, 22 and 23 =</b>																																																																																
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(l)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																																
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)																																																																														
- 100 =	/50 =	x \$250																																																																														
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).																																																																																
CLAIMS	NUMBER FILED	NUMBER EXTRA																																																																														
Total claims	- 20 =	x \$ 50																																																																														
Independent claims	- 3 =	x \$200																																																																														
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360																																																																														
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 130.00																																																																																
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. <b>SUBTOTAL =</b> \$ 65.00																																																																																
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).																																																																																
<b>TOTAL NATIONAL FEE =</b> \$ 65.00																																																																																
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																																																																
<b>TOTAL FEES ENCLOSED =</b> \$ 65.00																																																																																
		Amount to be refunded:																																																																														
		Amount to be charged																																																																														

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

Serafini Associates  
7660 Fay Ave. Suite H378  
La Jolla, CA 92037

*Franco A. Serafini*

SIGNATURE

**Franco A. Serafini**

NAME

**52,207**

REGISTRATION NUMBER

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**United States Patent and Trademark Office**  
**Credit Card Payment Form**  
**Please Read Instructions before Completing this Form**

**Credit Card Information**

**Credit Card Type:**  Visa  MasterCard  American Express  Discover

Credit Card Account #:

Credit Card Expiration Date: 11/05

Name as it Appears on Credit Card: Franco A. Serafini

Payment Amount: \$ (US Dollars) 65.00=

Cardholder Signature: Franco A. Serafini Date: 09/30/2005

**Refund Policy:** The Office may refund a fee paid by mistake or in excess of that required. A change of purpose after the payment of a fee will not entitle a party to a refund of such fee. The office will not refund amounts of \$25.00 or less unless a refund is specifically requested, and will not notify the payor of such amounts (37 CFR § 1.26). Refund of a fee paid by credit card will be issued as a credit to the credit card account to which the fee was charged.

**Service Charge:** There is a \$30.00 service charge for processing each payment refused (including a check returned "unpaid") or charged back by a financial institution (37 CFR § 1.21 (m)).

**Credit Card Billing Address**

Street Address 1: 2455 Caminito

Street Address 2:

City: La Jolla

State/Province: CA

Zip/Postal Code: 92037

Country: USA

Daytime Phone #: 858-456-2898

Fax #: 858-225-3920

**Request and Payment Information**

Description of Request and Payment Information:

Late filing of declaration

<input checked="" type="checkbox"/> Patent Fee	<input type="checkbox"/> Patent Maintenance Fee	<input type="checkbox"/> Trademark Fee	<input type="checkbox"/> Other Fee
Application No. 10/538,411	Application No.	Application No.	IDON Customer No.
Patent No.	Patent No.	Registration No.	
Attorney Docket No. KAR 014		Identify or Describe Mark	

If the cardholder includes a credit card number on any form or document other than the Credit Card Payment Form, the United States Patent and Trademark Office will not be liable in the event that the credit card number becomes public knowledge.